

ABSTRACT OF THE INVENTION

A light emitting diode (LED) and a method of making the same are disclosed. The LED of the present invention comprises a semiconductor layer of a first polarity, an active layer, and a semiconductor layer of a second polarity stacked from bottom to up, wherein at least the active layer and the semiconductor layer of the second polarity have a side of irregular shape and/or at least one valley, thereby increasing the efficiency of emitting the light to the outside of the LED.

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